

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066581.D
 Acq On : 13 Apr 2021 16:14
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041321

Quant Time: Apr 15 19:24:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 15 19:20:03 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	105	-0.02
2 M	Dichlorodifluoromethane	20.000	18.594	7.0	104	0.00
3 M	Chloromethane	20.000	17.610	12.0	103	0.00
4 M	Vinyl Chloride	20.000	17.664	11.7	100	0.00
5 M	Bromomethane	20.000	17.331	13.3	100	0.00
6 M	Chloroethane	20.000	17.878	10.6	105	0.00
7 M	Trichlorofluoromethane	20.000	17.525	12.4	100	0.00
8 T	Diethyl Ether	20.000	17.279	13.6	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.099	9.5	103	0.00
10 M	1,1-Dichloroethene	20.000	17.701	11.5	100	0.00
11	Methyl Iodide	20.000	18.701	6.5	101	-0.01
12	Methyl Acetate	20.000	15.753	21.2	92	0.00
13 M	Acrolein	100.000	80.205	19.8	102	0.00
14 M	Acrylonitrile	100.000	81.036	19.0	94	0.00
15 M	Acetone	100.000	88.652	11.3	111	0.00
16 M	Carbon Disulfide	20.000	17.026	14.9	100	-0.01
17	Allyl chloride	20.000	16.423	17.9	88	-0.01
18 M	Methylene Chloride	20.000	16.798	16.0	102	-0.01
19 M	trans-1,2-Dichloroethene	20.000	17.198	14.0	101	-0.01
20 T	Diisopropyl ether	20.000	17.912	10.4	102	0.00
21 M	1,1-Dichloroethane	20.000	17.571	12.1	103	-0.01
22 M	cis-1,2-Dichloroethene	20.000	17.427	12.9	103	0.00
23 M	tert-Butyl Alcohol	100.000	78.094	21.9	95	0.02
24 M	Methyl tert-Butyl Ether	20.000	17.425	12.9	102	0.00
25 M	Chloroform	20.000	17.420	12.9	102	0.00
26	Cyclohexane	20.000	15.860	20.7	109	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.164	2.8	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	105	0.00
29	1,1-Dichloropropene	20.000	17.552	12.2	103	0.00
30 M	2-Butanone	100.000	83.972	16.0	101	0.00
31	2,2-Dichloropropane	20.000	17.892	10.5	108	0.00
32 M	1,1,1-Trichloroethane	20.000	17.746	11.3	104	0.00
33 M	Carbon Tetrachloride	20.000	17.361	13.2	101	0.00
34 M	Benzene	20.000	17.477	12.6	103	0.00
35	Methacrylonitrile	20.000	18.296	8.5	125	-0.01
36 M	1,2-Dichloroethane	20.000	16.762	16.2	99	0.00
37 M	Trichloroethene	20.000	17.493	12.5	104	0.00
38	Methylcyclohexane	20.000	17.943	10.3	110	0.00
39 M	1,2-Dichloropropane	20.000	17.671	11.6	106	0.00
40	Dibromomethane	20.000	17.053	14.7	100	0.00
41 M	Bromodichloromethane	20.000	16.926	15.4	99	0.00
42 M	Vinyl Acetate	100.000	89.748	10.3	100	0.00
43	Ethyl Acetate	20.000	16.391	18.0	106	0.00
44	Isopropyl Acetate	20.000	16.924	15.4	100	0.00
45 T	1,4-Dioxane	400.000	295.367	26.2	88	0.00
46	Methyl methacrylate	20.000	16.194	19.0	97	0.00
47	n-amyl Acetate	20.000	17.098	14.5	116	0.00
48 M	t-1,3-Dichloropropene	20.000	17.342	13.3	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.626	11.9	103	0.00
50 M	1,1,2-Trichloroethane	20.000	16.968	15.2	100	0.00
51	Ethyl methacrylate	20.000	16.320	18.4	97	0.00
52	1,3-Dichloropropane	20.000	17.368	13.2	102	0.00
53 M	Dibromochloromethane	20.000	17.142	14.3	102	0.00
54 M	1,2-Dibromoethane	20.000	17.397	13.0	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.276	11.7	102	0.00
56 M	Bromoform	20.000	16.882	15.6	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	83.629	16.4	97	0.00
59 M	2-Hexanone	100.000	84.603	15.4	98	0.00
60 S	4-Bromofluorobenzene	30.000	30.690	-2.3	104	0.00
61 M	Tetrachloroethene	20.000	18.197	9.0	107	0.00
62 M	Toluene	20.000	17.623	11.9	102	0.00
63 S	Toluene-d8	30.000	30.533	-1.8	104	0.00
64 M	Chlorobenzene	20.000	17.981	10.1	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.140	14.3	100	0.00
66 M	Ethyl Benzene	20.000	17.885	10.6	105	0.00
67 M	m/p-Xylenes	40.000	35.677	10.8	103	0.00
68 M	o-Xylene	20.000	17.716	11.4	100	0.00
69 M	Styrene	20.000	17.778	11.1	100	0.00
70	Isopropylbenzene	20.000	18.180	9.1	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.609	17.0	97	0.00
72	1,2,3-Trichloropropane	20.000	17.004	15.0	102	0.00
73	Bromobenzene	20.000	18.257	8.7	104	0.00
74	n-propylbenzene	20.000	18.431	7.8	106	0.00
75	2-Chlorotoluene	20.000	17.753	11.2	102	0.00
76	1,3,5-Trimethylbenzene	20.000	17.699	11.5	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.533	17.3	89	0.00
78	4-Chlorotoluene	20.000	18.198	9.0	102	0.00
79	tert-butylbenzene	20.000	17.705	11.5	101	0.00
80	1,2,4-Trimethylbenzene	20.000	18.237	8.8	104	0.00
81	sec-Butylbenzene	20.000	18.114	9.4	106	0.00
82	p-Isopropyltoluene	20.000	18.123	9.4	104	0.00
83 M	1,3-Dichlorobenzene	20.000	18.138	9.3	105	0.00
84 M	1,4-Dichlorobenzene	20.000	16.957	15.2	116	0.00
85	n-Butylbenzene	20.000	16.949	15.3	108	0.00
86 T	Hexachloroethane	20.000	16.464	17.7	100	0.00
87 M	1,2-Dichlorobenzene	20.000	17.973	10.1	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	11.489	42.6#	68	0.00
89	1,2,4-Trichlorobenzene	20.000	16.342	18.3	104	0.00
90	Hexachlorobutadiene	20.000	17.303	13.5	107	0.00
91 M	Naphthalene	20.000	15.706	21.5	107	0.00
92	1,2,3-Trichlorobenzene	20.000	16.507	17.5	103	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0